2°Cot Cantifeld 29 Monterny, Sept. 1, 1866. Dr. Eenzelmann; Dear Sir, I received two dags ago your favor of Ang. 8, and hasten to reply I fear that you will be disappointed agi with me & that your expectations will not be realryed, wasmuch as my locality, Monterry and vicinity, has most Carefully searched by all the batamists who have ever landed on this Coast. Harnfe Meartweg, Auttall, Spenyies, Donglass and others, made it their headquarters here, when in lealyarma, & lift but little that was new for there of us who arrived here later. I set to work, vicinty when I first come here to collect the plants of this. After doing so I find that I have nothing that has not been Collected (forty times) before, excepta few plants that have, undoubtedly, been introduced within a few years. Heaving Collected all the land plants within my reach, I communed collecting Seanwerds "& shells & fishes, as well as birds' mots & eggs & other desirable objects

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of satural vistang. In these latter departments

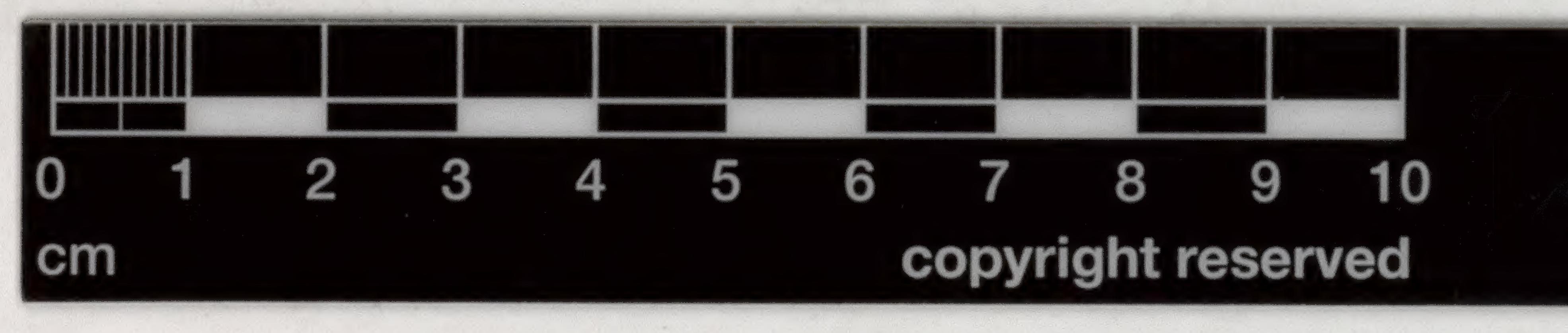
I have found the field much less explored than
in that of Botang, & believe that I shall have the

fleasure of adding something to the stock of knowle

edge heritafore existing.

Our friend Bolander, who has down me
the favor to introduce me to you, looked over
my plants fritty carifully, not long since, butdid not find anything intensting or new in those
families that are his specialities, - the Bramineae
& Acrogens. He inquired also about the lean=
iferae & Juneaceae, & I communicated to him
all the information about them that I fossissed; Since when I have made no additions to my Col:
lections in these families.

I moon have Collected any specimens here of bitis, atthough I have seen it growing in other parts of the State. The marist-locality to me, where any indigenous grape-vine is said to grow, is in the mountains of Lan Antonio, some 90 miles of Ce from Montains of Lan Antonio, some 90 miles of Ce from Montains. But I have no specimens from there & I don't think any botainst

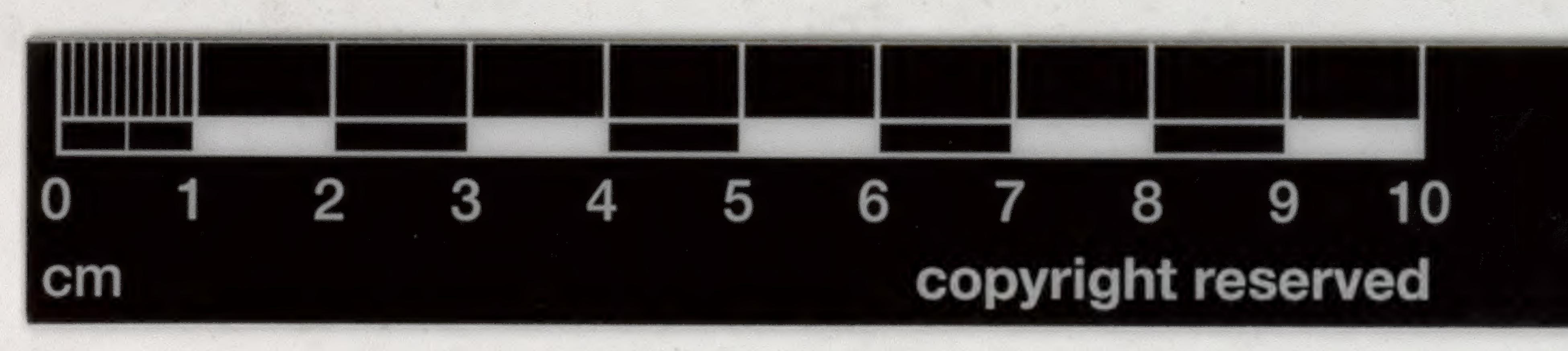




has ear Collected any there. _ I have one species of leasenta; at bast, I suppose There is only I spices among the spremus. It is abundant de her. - I have never collected Joelis- One species of Alisma; A. Plantago, I suppose. -Hwo spicies of Centhorbia. _ One spices of Author grows in a fond some 25 or 30 miles from here. I saw it, one time, as I passed by in the Stage-Coalh, but had no time nor opportunity to collect it. It has for a long time been on my list of disiderata, & I hope I may beable to sience Some spreimus before long. - Dan Tuis Obispo is too far away from me, s is 1. out of my reach. - I must explain to you that I am proctising medicine & Aurgory for a hoelihood; & bigton e poort having a wife & Children to support, I am obliged by the stern law of necessity to make everything subordie nate to my profession; & it is only during the scraps id of his we that I can strat from a labarious but not s; vory Uncration profession that I can cuttivate natural science. If I were able pecamiarily, I would be delighted It to spend all my time in these fastinating studies. On



account of pourty, also, I have never attempted to enake a gruiral botanical collection; 2, of plants as well as of Shells, I keep spicimens only of Those of my own collecting. Therefore I do not exchange with other Collectors; but I am always happy to Contribute materials of any kind, as for as I may be able, to be the studied & claborated by those who have the time & wears for doing to. _ My Collections are all smit to Anof. Baind, to be forwarded to those who will be likely to make the bistuse of them in plants to Rry. Day; Shells to Dr. learpenter, leggs i moto to Dr. Brewer, se A living outture, leathartes leabfarmianns, I sent the other day direct to the London Goological Sol, and it arrived there safely- In Dolany my Carrispondent is Brog. Snaggas I said; but I shall be happy to Sind you what you disire, as far as I may be able. In ruturn, I am auxious to get books, memoirs, mon ographs of other publications (in lengtish, French, Latin or Spanish) - anything & court thing that will rustruck me about the objects that I collect. I labor under the disadoans tage of not owning nor having access to the later public Cations on thise sciences- Prog. saird undertakes to Juruish me the Smiths. publications, but aside from These I am almost without description works. -If you will write me by what made of transportation to swid you palkeges, I will do what I can to supply your disiderata. - Thorild you relieve them through the Smithson Just. ? Or will I sind by bolls, Hargo scos leffress? In Conclusion permit me to day that having for a long time bun acquainted with you as a botanish, I am happy to Commence this an epistotary alquimters that I hope may be satisfactory to beth you & q' from you immediately on the relieft of this, inclinity of this, leading I remain, Some Sincerely, ield -





Son James of Sonterey, leala, April 23, 1871. 18 dr. Engelmann; Dear der, I was So being much gratified to hear of your set safe return from Europe; and fre = Is settle many doubtful botanical guestions. tie I have not den Proj. Bolander, I stately, nor had any Correspondence Et with him. At the time he was pre: It & paring his botanical report for The The Cal. Survey I sent him specimens doubtful ones. About some of them of Freewood answers, but quite a muster sare get undetermined. . As to the Sines, I perfectly agree with From that there are but two spices Egraming near Monterry; - P. misignid, Dougle, and P. Muricata, D. Dou, although of the Cones of Punsignes way greatly in

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Size, form & relative dimensions. When & moture they are all more or less gibs? bows, Some much slunder than others? and some very Strongly Tubureulated, & while others are very shooth. I would sund you a sinite of barieties; but you tell mest that you have pluty of material from om friend Bolander, Perhaps zonte mean, of P. triberculata, Don, only. I do not remember, posetraely, whether er I have loer seen so slender Como of unsignes as you figure & discribe; but my impression is that I have, were immature - I will take pains to examen specimens in the woods in a day or two and settle the The misiguid grows over the whole of the Cape Called Printa de los Pinos, Pine Somt or Soint Penas, and 2 or 3 meles back from salt water. The muricata near Monterry grows only

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West or ocean side of a stirile

ridge of delomposed granite about DE 2 miles from the ocean, in Christers of 1, & F trees scattered over an extent of almost udt a mile long v/2 a mile wide, and surrounded mette on all sides by the misignis. Hear San I's E. Twis abisho the muricata grows on the It's summet of white hills . Composed of soft, Is infusorial rock of the Miocene tertiany this, - as I observed in passing there in wo've 1854. The same white siliceous rock be; & is abundant in this vicinity, but the , smuricata does not grow on it here. l it the have a spicies of Julea growing he wild in the mountains in the S. G. partox this County 60 miles from this town, The plant which the Spanish Call mesical. I saw the same plant on dry rocky wills mi many localities along the road up the Coast from Los Angeles to this Country. Unfortunately, I could not presurve any specimens; but my recollection of it is

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that the beaves were linear, 12 to 15 inches long by 1/4 to 1/2 with wide, strongly Carinated, smooth and unceronatel but ? without any pribers along the edges), in thick tripto with a slape from the Center g to 13 feet high, I saw only the diad scapes of the previous season, Containing some of the dried fruit, which affeared to be capsuled rather than pulpy fruit, though of this I could not be certain -The branches were few in monter and ? Short; the dry fruit-1/2 to 3/4 mich in dians eter. In some localities very abundant, The nations gather the scapes when they are still tender and roast them in the asked, Considering them a luxury. I will? try to get a supply of specimens; which, if ? obtain them, I will take great pleasure in forwarding to your I have a spicies of Robys ourum that Bolander Could not determine. Did he send you a spicimen of it; of not, purhaps I betten send you that & some other plants for determination? Very truly yours, leasterd.

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